

Additional Table 1 - Allele frequencies for the 23-bp and 12-bp insertion/deletion polymorphism for each breed

The 23-bp and 12-bp insertion (+) and deletion (-) allele frequencies are listed for each breed of *B. indicus*, *B. taurus*, and *B. indicus* x *B. taurus* composite cattle.

Breed	23 bp			12 bp		
	n	+	-	n	+	-
<i>B. indicus</i>						
Brahman ^{a,b}	60	0.18	0.82	60	0.95	0.05
Nelore ^a	28	0.00	1.00	28	0.93	0.07
Gir ^a	24	0.13	0.88	24	0.63	0.38
Guzerat ^a	2	0.00	1.00	2	0.50	0.50
Tabapua ^a	2	0.00	1.00	2	1.00	0.00
Total <i>B. indicus</i>	116	0.12	0.88	116	0.87	0.13
Crossbred						
Santa Gertrudis ^{a,b}	18	0.17	0.83	18	0.33	0.67
Brangus ^{a,b}	32	0.19	0.81	32	0.56	0.44
Beefmaster ^b	8	0.00	1.00	8	0.25	0.75
Braford ^b	8	0.13	0.88	8	0.25	0.75
Bramousin ^b	4	0.75	0.25	4	0.75	0.25
Simbrah ^b	6	0.33	0.67	6	0.83	0.17
Total Crossbred	76	0.20	0.80	76	0.47	0.53
<i>B. taurus</i>						
Shorthorn ^{a,b}	38	0.08	0.92	38	0.08	0.92
US Holstein ^c	1380	0.43	0.57	1380	0.47	0.53
UK Holstein ^d	552	0.29	0.71	540	0.37	0.63
German Holstein ^e	160	0.33	0.67	160	0.39	0.61
German Fleckvieh ^e	120	0.31	0.69	120	0.57	0.43
German Brown ^e	82	0.56	0.44	82	0.84	0.16
Swiss Brown ^e	206	0.61	0.39	206	0.74	0.26
Swiss Scharzfleck ^e	52	0.52	0.48	52	0.58	0.42
Swiss Simmental x Red Holstein ^e	242	0.45	0.55	242	0.53	0.47
Japanese Holstein ^f	556	0.21	0.79	580	0.26	0.74
Japanese Black ^f	372	0.41	0.59	372	0.43	0.57
Polish Holstein ^g	562	0.37	0.63	562	0.46	0.54
Korean Holstein ^h	104	0.30	0.70	104	0.39	0.62
Other ^{b,i}	126	0.34	0.66	126	0.42	0.58
Total <i>B. taurus</i>	4552	0.38	0.62	4564	0.45	0.55

^aThis study, ^bSeabury et al., 2004a,b, ^cBrunelle et al., 2007, ^dJuling et al., 2006, ^eHaase et al., 2007, ^fNakamitsu et al., 2006, ^gCzarnik et al., 2007, ^hJeong et al., 2006, ⁱCombination of 20 *B. taurus* breeds (see Methods for details)